

## CHAPTER 185 INTRODUCTION TO FAR PART 147

**1. OBJECTIVE.** FAR Part 147 provides the guidance for issuing aviation maintenance technician school certificates and associated ratings. FAR Part 147 also provides the general operating rules for the holders of those certificates and ratings.

**3. CERTIFICATION.** Certification teams are used to conduct an original certification, to approve an added rating, and to approve a curriculum change affecting the facilities, equipment, materials, or tools of an existing school.

**5. USE OF THE AVIATION MAINTENANCE TECHNICIAN SCHOOL NORM.** This guide is used for the FAR Part 147 surveillance task, Vol. 3, Ch. 105, Inspect FAR Part 147 Aviation Maintenance Technician School.

A. *School Norms.* When an individual school norm drops below the national norm in excess of the requirements of FAR § 147.38(a), an asterisk (\*) will appear opposite the school norm on the AC Form 8080-08. The responsible region/district office may obtain more detailed performance information to assist in determining problem areas by requesting AC Form 8080-08 and/or AC Form 8080-13 from AVN-140. The report data may be shared freely with the school to which it refers.

B. *Aviation Maintenance Technician School Norm vs. National Passing Norms, AC Form 8080-08, and Associated Reports in the Series.* This series of reports provides information to the school and the responsible FAA region and district offices about the test performance of school graduates. The reports are used to monitor school performance and to determine whether schools meet the quality of instruction provisions of FAR § 147.38(a). The reports are distributed quarterly following the quarter in which the test activity occurs. On-request reports may be sought at any time. The reports are

distributed for all schools on the file for the months of January and July. The report data may be shared freely with the school to which it refers. Requests for report information from persons other than those of the subject school should be referred to AVN-140.

(1) AC Form 8080-08, Aviation Maintenance Technician School Norms vs. National Passing Norms is the basic report of the series. It contains a record of test activity and performance of graduates of the subject school who apply for a mechanic written test for the first time within 60 days after graduation. It is produced quarterly and distributed to each **school** that has mechanic test activity during the report quarter. The report is also available on request to the responsible FAA regional or district office.

(2) AC Form 8080-10, Aviation Maintenance Technician School Norms vs. National Passing Norms contains a summary of information for all schools in a region having written test activity during the report quarter. It is produced quarterly and distributed to the responsible **region**. AC Form 8080-10 is a summary report intended to conserve region/district office manpower in monitoring school activity and performance.

(3) AC Form 8080-13, Aviation Mechanic Test Applicant Listing contains a record by applicant name of the test performance for graduates from a subject school for a time period specified by the requestor. It is produced by the responsible FAA **region** or **district office** and is distributed to the requesting office.

(4) “Non-school” reports are quarterly reports arranged by the region in which the testing occurred, available by request from AVN-140 of the responsible region. These reports are made for the following:

- Applicants who graduate from a certificated school, but who take the mechanic tests for the first time more than 60 days after graduation

- Applicants who qualify for testing through actual experience and are not graduates of a certificated school

*C. How to Read the Aeronautical Center Report in the 8080 Series*

(1) *The Heading.* The first horizontal line at the top of all the forms lists the name of the report, the quarter test activity, the AC Form number, and the date of the report. The second horizontal line lists the school identifier, the name of the school, the region, and the district office identifier.

(2) *The Main Body.* The report is divided into the two following AREAS:

(a) *AREA 1 - Two Year (24 month) Accumulative.* The two year accumulative scores for the total of the school's applicants, the norm, the total number of national applicants, and then the national norm comprise the last four vertical columns on the right hand side of the report.

(b) *AREA 2 - Written Test Subject Area Norm Vs. National Subject Area Norm.* This report compares the school's 12 month subject norm with the national 12 month subject norm directly underneath it. Below the overall 12 month comparison, subject norms are broken down by month comparing the school's norm against the national norm, respectively. The norms are read horizontally across the form. The subject areas are read horizontally by codes A-T at the heading. Subject area is abbreviated and read below all the scores.

**FIGURE 185-1 READ VALUES FOR AC FORM 8080-08****1. AREA 1 Report. CURRENT MONTH.**

Vertical Column 1. *TYPE TEST*. The types are: GENERAL, AIRFRAME 1 then 2, POWERPLANT 1 then 2

Vertical Column 2. *NO. APPLS*. Shows total number of applicants taking the original test only. (Partial completions or retakes are not included.)

Vertical Column 3. *NO. APPLS. PASS*. Total number of applicants passing the test or a section of the test.

Vertical Column 4. *PCT. APPLS. PASS*. The percent of applicants passing the test or a section of the test.

Vertical Column 5. *AVG. GRADE*. The average grade for the test or sections of the test.

**2. AREA 2 Report. TWO-YEAR ACCUMULATIVE.**

Vertical Column 6. *APPLS*. The total number of applicants from a school taking the test for the first time.

Vertical Column 7. *NORM*. The school passing norm, representing the percentage of all first time applicants within 60 days after graduation from the certificated school and within the 24 month period of the report.

Vertical Column 8. *NAT'L APPL*. The total number of applicants from all schools taking the test for the first time within the 24-month period of the report.

Vertical Column 9. *NAT'L APPL*. The national passing norm, representing the percentage of all applicants from all the schools passing the test on the first attempt within 60 days after graduation and within the 24-month period of the report.

**HOW TO INTERPRET:** If Column 7 is flagged by an asterisk (\*) it notes that the figure is below the norm limits set by FAR Section 147.38(a). It takes into account the school size and the allowable tolerance.

**3. AREA 3 Report. ONE-YEAR ACCUMULATIVE DATA, MONTHLY DATA, IDENTIFICATION OF TECHNICAL AREAS.**

Horizontal Line 7. Code letters A-T. The code letters are the same as those used in the appropriate "stuffer sheets" provided with written test grade reports [AC Form 8080-2-15 General] [AC Form 8080-2-16 Airframe] [AC Form 8080-2-17 Powerplant]

Horizontal Line 8. *SUB NORM 1-YR*. Accumulative school applicant norm for each subject area for the school shown in AREA 1 for the 12-month period.

Horizontal Line 9. *NAT NORM. 1-YR*. Displays the accumulative applicant norm for each subject area for all schools for the 12-month period.

**FIGURE 185-1 READ VALUES FOR AC FORM 8080-08****(Continued)**

Horizontal Lines 11 - End. This area of the report provides *monthly* data by dual horizontal line for each of the 12 months of the year. *SUB JAN* and *NAT JAN* (through December) show the comparative scores between the school and the nation.

**HOW TO INTERPRET:** The number in the SUB line should be smaller than the number in the NAT line. The presence of an asterisk preceding the number in the SUB line indicates that that subject area is a problem area for those applicants of the school the report is published for.